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Proposed Claim Amendments for Examiner Interview on July 23, 2010 at 10 am EST

**Re:** United States Patent Application No. 10/692,979  
**Entitled** : METHODS AND COMPOSITIONS FOR TREATING  
ECTOPARASITE INFESTATION  
**Filed** : October 24, 2003  
**Inventors** : Campbell et al.  
**Our Ref.** : PIED1110-1

Listing of Claims:

1. (Currently Amended—including proposed additional amendment) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises a carrier and isopropyl myristate as the sole ectoparasiticidal agent present in an amount effective, by itself, for killing ectoparasites live alone and at a concentration between 10% and 70% w/w of up to 100%, and wherein further at least 50% and up to 100% of the ectoparasites are killed within 1 hour after administration of the composition.

2. (Original) The method according to claim 1, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

3. (Original) The method according to claim 2, wherein the subject is a mammal.

4. (Original) The method according to claim 3, wherein the mammal is a human and the ectoparasites are head lice.

5.-9. (Canceled)

10. (Original) The method according to claim 8, wherein said cyclic siloxane is decacyclomethicone.

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11. (Canceled)

12. (Currently Amended—including proposed additional amendment) A method of killing ectoparasites on a subject, said method comprising:

topically administering to an area on the subject where ectoparasites are present an insecticide-free composition comprising a carrier and isopropyl myristate as the sole killing agent present in an amount effective, by itself, for killing ectoparasites like alone and at a concentration of between 10% and 70% w/w up to 100%, wherein at least 50% and up to 100% of the ectoparasites are killed within 1 hour by dehydration following stripping of wax from their cuticles.

13. (Original) The method according to claim 12, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

14. (Original) The method according to claim 13, wherein the subject is a mammal.

15. (Original) The method according to claim 14, wherein the mammal is a human and the ectoparasites are head lice.

16. (Original) The method according to claim 14, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

17.-18. (Canceled)

19. (Original) The method according to claim 12, further comprising a cyclic siloxane carrier, wherein the cyclic siloxane is selected from the group consisting of decacyclomethicone, octamethylcyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and decamethylcyclopentasiloxane.

20. (Canceled)

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21. (Original) The method according to claim 19, wherein said cyclic siloxane is decacyclomethicone.

22.-31. (Canceled)

32. (Original) The method of claim 1 or claim 12, further comprising the step of combing killed ectoparasites out of the subject's hair with a nit comb.

33. (Canceled)

34. (Currently Amended—including proposed additional amendment) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises a carrier and isopropyl myristate as the sole ectoparasiticidal agent present in an amount effective, by itself, for killing ectoparasites live alone and at a concentration of between 10% and 70% w/w up to 100%, and wherein further at least 50% and up to 100% of the ectoparasites are killed within 10 minutes exposure to the composition.

35. (Previously Presented) The method according to claim 34, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

36. (Previously Presented) The method according to claim 34, wherein the subject is a mammal.

37. (Previously Presented) The method according to claim 36, wherein the mammal is a human and the ectoparasites are head lice.

38. (Previously Presented) The method according to claim 36, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

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39. (Currently Amended) The method according to any of claims 1, 12 or 34, wherein the isopropyl myristate is in a concentration of about 50% w/w to 70 100% w/w.

40. (Previously Presented) The method according to any of claims 1, 12 or 34, wherein the isopropyl myristate is in a concentration of about 50% w/w.

41. (Canceled)

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